PROJECT DESIGN PHASE-II
Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID17257
Project Name	Nutrition Assistant Application

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	● Registration through Mobile Number. ● Registration through Gmail.
FR-2	User Confirmation	● Confirmation via OTP through Email. ● Confirmation via OTP through Mobile Number. ● Confirmation via Retyping the password.
FR-3	User Login	● Login with username and password.
FR-4	Food Detection	● Scanning the food by using Clarifai's AI-Driven Food Detection Model.
FR-5	Display	● The system display the nutritional value of the food with the help of nutritional API.

FR-6	Updates	● The latest updates will be display by Virtual Assistant so the user can easily familiarize themselves with the new services and policies. ● Notification message is send to user for new updates.
FR-7	Review	● User feedback and Rating

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	● It is a user-friendly application which tracks calories and nutritional value by just scanning the image of the food. ● Only registered user is able to track the calories.
NFR-2	Security	● Authentication and two step verification is done for security. ● Security for each and every user will be the first priority.
NFR-3	Reliability	● The user gets the standard nutritional value of the given food. ● Provides consistent updates as per the customers feedback.
NFR-4	Availability	● This application is easily accessible because user needs only a smartphone with a good network connection. ● We can use this application anytime at anywhere. ● These apps offer diet and fitness tracking.

NFR-5	Performance	- Provision of best diet plan which makes the user to maintain a healthy weight. - User satisfaction is ensured by getting their feedback.
NFR-6	Scalability	This app can be updated in future as per the users feedback.